MODEL AGROFORESTRY BERBASIS TONGKONAN YANG BERWAWASAN KONSERVASI LINGKUNGAN DI KABUPATEN TANA TORAJA

AGROFORESTRY MODEL BASE ON TONGKONAN CULTURE WITH CONSERVATIVE ROLES IN TANA TORAJA REGION

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ABSTRACT

The aim of this study are to dig out the information of variation and characteristic of local agroforestry models in Tana Toraja region, find out the supporting factors that emerged the variation models based on community socioeconomics and cultural background, and to determine the appropriate agroforestry models for environment conservation purposes.

The method of this study by surveying and interview. Sample withdrawal were carried out by purposive method based on community whose involve in agroforestry practices. This study uses primary data in the form of direct observation and measurement of agroforestry practices concerning: plant density, vertical structure, species composition of plants making up agroforestry and plant species diversity. In addition to structured interviews were conducted with the community to know the cultural background of choosing agroforestry models and the level of income from agroforestry practices.

The results showed that: 1) Generally, the agroforestry models in Tana Toraja applying random pattern with an iregular spacing, 2) The number of species and species diversity indices are not significantly different. The diversity of plant species classified as being medium cathegory concerning the altitude and district. In general, the vertical structure of the canopy is quite complex consisting of 4 strata, 3) Cultural factors consist of tongkonan house construction and funeral ceremony background reason are primary consideration in the selection of agroforestry components, but for economic reasons and environmental conservation have also joined considered, and 4) Agroforestry system developed by the community in Toraja upland are already qualified in terms of environment conservation concerning to the complexity of canopy structures and species compositions.

Key Words: Agroforestry, Tongkonan, Environmental concervation, structure, composition